

CLAIMS

- 1 1. An articulated sled comprising:
 - 2 a first body segment and a second body segment, each of the first body segment
 - 3 and the second body segment being interconnected by a flexible connector so that the
 - 4 first body segment and the second body segment can rotate with respect to each other
 - 5 about a first axis; and
 - 6 a pair of runners on the first body segment and a pair of runners on the second
 - 7 body segment each runner of each pair of runners including a sliding surface with op-
 - 8 posing convex edges that extend lengthwise from a leading end to a trailing end, wherein
 - 9 each of the opposing convex edges have a wider spacing apart in a central lengthwise re-
 - 10 gion than the spacing apart at the leading end and the trailing end.
- 1 2. The sled as set forth in claim 1 wherein each runner includes a sloping leading
- 2 end and a trailing end that each extend upwardly from the sliding surface, and wherein
- 3 each leading end is sloped upwardly at a shallower angle, than an angle of slope of each
- 4 trailing end.
- 1 3. The sled as set forth in claim 1 wherein each of the first body segment and the
- 2 second body segment includes a connector slot that receives therein a conforming end of
- 3 the flexible connector.
- 1 4. The sled as set forth in claim 3 wherein the first body segment comprises a front
- 2 body segment having a raised end for deflecting snow, and including, adjacent the raised
- 3 end, a pair of hand grips.
- 1 5. The sled as set forth in claim 4 wherein the hand grips comprise T-shaped hand
- 2 grips.
- 1 6. The sled as set forth in claim 3 wherein a front end of at least the second body
- 2 segment includes a fixedly mounted end of the flexible connector therein having a pro-

3 jecting opposing connector end that is adapted to removably interconnect to the connector
4 slot formed in the rear end of the first segment.

1 7. The sled as set forth in claim 1 wherein the flexible connector is constructed and
2 arranged to enable flexure along each of two perpendicular axes, the axes including a
3 yaw axis and a roll axis with respect to a longitudinal line taken through a center of the
4 sled.

1 8. The sled as set forth in claim 7 wherein the flexible connector comprises a pair of
2 opposing connector ends and a web section extending between the connector ends, the
3 web section constructed and arranged to flex along the yaw axis and the roll axis.

1 9. The sled as set forth in claim 8 wherein further comprising, mounted over the op-
2 posing connector ends, a plate that is secured to one of either the first body segment or
3 the second body segment that moves freely with respect to an adjoining one of the first
4 body segment or the second body segment.

1 10. The sled as set forth in claim 8 wherein the flexible connector includes, on at least
2 one of the connector ends, raised surfaces constructed and arranged to removably engage
3 detents within the conforming connector slot.

1 11. The sled as set forth in claim 1 wherein each of the first body segment and the
2 second body segment respectively comprise a front segment and a central segment, and
3 further comprising a rear segment interconnected to the central segment by another flexi-
4 ble connector.

1 12. The sled as set forth in claim 11 wherein the sled defines the shape of an animal,
2 and wherein the front segment defines a head, the central segment defines a central body
3 portion, and the rear segment defines a tail portion of the animal.

1 13. The sled as set forth in claim 12 wherein the rear segment includes a tail having a
2 rattle therein.

1 14. An articulated sled comprising:
2 a first segment and a second segment, each of the first body segment and the sec-
3 ond body segment being removably interconnected by a connector having opposing con-
4 nector ends that each attach to a connector location on each of the first segment and the
5 second segment and wherein the flexible connector further includes, between the con-
6 nector ends, a web constructed and arranged to enable the connector to rotate in at least
7 two perpendicular axes.

1 15. The sled as set forth in claim 14 wherein each of the first body segment and the
2 second body segment includes a pair of runners and wherein each of the runners includes
3 opposing convex edges that define a bottom sliding surface of the runner.

1 16. The sled as set forth in claim 15 wherein the bottom sliding surface of each of the
2 runners includes a metal edge member.

1 17. The sled as set forth in claim 14 wherein the flexible connector includes at least
2 one connector end constructed and arranged to be detachable at least one of the first body
3 segment and the second body segment.

1 18. The sled as set forth in claim 17 wherein at least one connector end of the oppos-
2 ing connector ends is constructed and arranged to slidably engage a connector slot in at
3 least one of the first body segment and the second body segment.

1 19. The sled as set forth in claim 18 wherein the connector end and the connector slot
2 each include a portion of an interengaging locking mechanism that locks when the con-
3 nector end is seated at a desired position within the connector slot.